

# Product Datasheet

## Histone H3 [ac Lys9, ac Lys14] Antibody [Alexa Fluor® 647]

**NB21-1081AF647**

Unit Size: 0.05 ml

Store at 4C in the dark.

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**NB21-1081AF647**

Histone H3 [ac Lys9, ac Lys14] Antibody [Alexa Fluor® 647]

Product Information	
Unit Size	0.05 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 647
Purity	Immunogen affinity purified
Buffer	50mM Sodium Borate

Product Description	
Host	Rabbit
Gene ID	126961
Gene Symbol	H3C14
Species	Human, Mouse, Rat, C. elegans
Reactivity Notes	Predicted to react with many species including rat, chicken, Xenopus, Drosophila, and plant based on 100% sequence homology. Rat reactivity reported in scientific literature (PMID: 26411320).
Immunogen	This Histone H3 [ac Lys9, ac Lys14] antibody was raised against synthetic acetylated peptide surrounding Lysines 9 and 14 of human Histone H3.2 [Swiss Prot Q71DI3].
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, Dot Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Dot Blot, Chromatin Immunoprecipitation (ChIP)
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NB21-1081AF647**

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NBP2-24891AF647	Rabbit IgG Isotype Control [Alexa Fluor® 647]
NB21-1081AF700	Histone H3 [ac Lys9, ac Lys14] Antibody [Alexa Fluor® 700]
NB21-1037PEP	Histone H3 [Monomethyl Lys4, p Thr6] Antibody Blocking Peptide
H00008294-P01-10ug	Recombinant Human HIST1H4I GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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